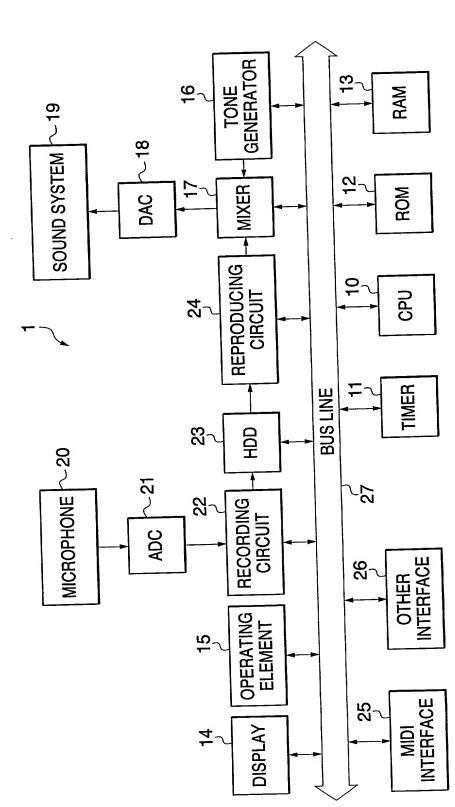
FIG. 1

Title: Waveform Generating Method, Performance Data...

Inventor: Masahiro SHIMIZU et al. Application No.: Not yet assigned Docket No.: 393032030600

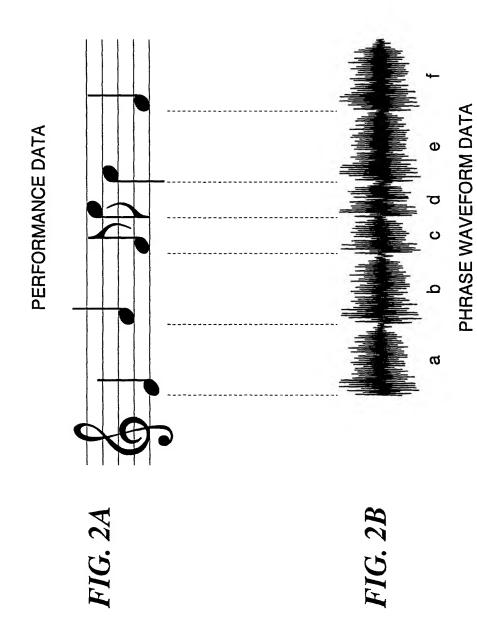
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Title: Waveform Generating Method, Performance Data... Inventor: Masahiro SHIMIZU et al.

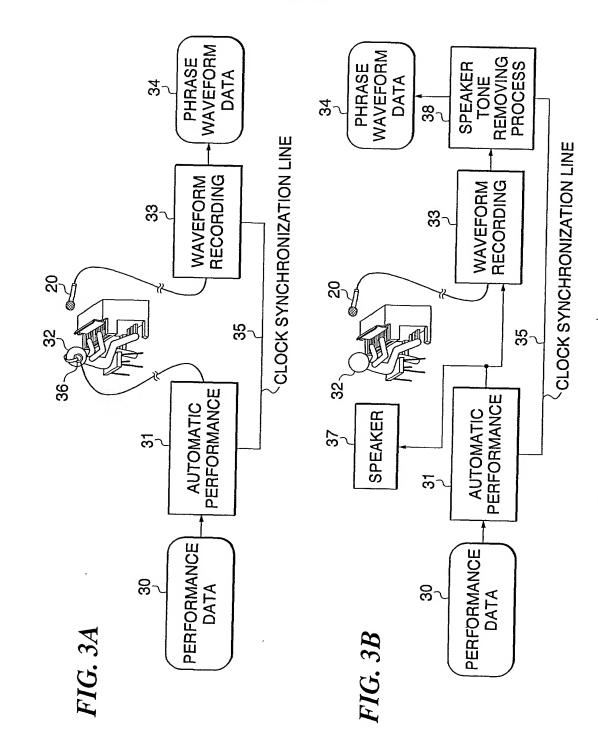
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Title: Waveform Generating Method, Performance Data... Inventor: Masahiro SHIMIZU et al. Application No.: Not yet assigned Docket No.: 393032030600

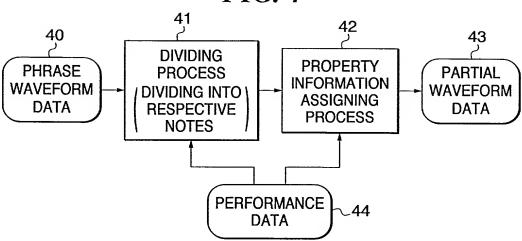
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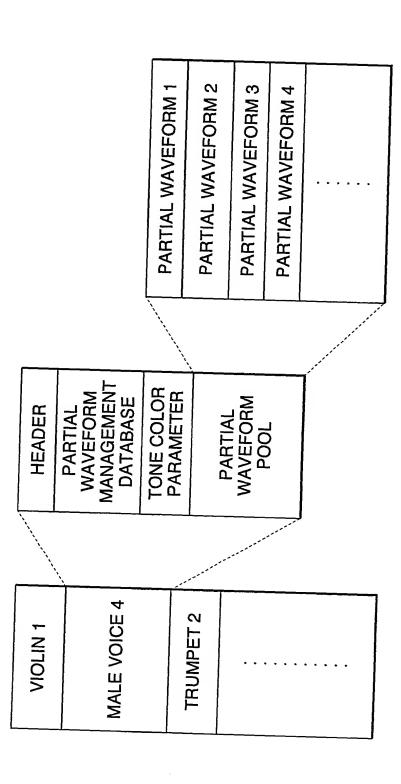
FIG. 4



PERFORMANCE DATA	
PHRASE WAVEFORM MANAGEMENT INFORMATION	
PARTIAL WAVEFORM MANAGEMENT INFORMATION (INCLUDING PROPERTY) INFORMATION	PARTIAL WAVEFORM 1-1
TONE COLOR	/
MANAGEMENT INFORMATION	PARTIAL WAVEFORM 1-2
PHRASE WAVEFORM 1	PARTIAL WAVEFORM 1-3
PHRASE WAVEFORM 2	PARTIAL WAVEFORM 1-4
PHRASE WAVEFORM 3	PARTIAL WAVEFORM 1-5
	PARTIAL WAVEFORM 1-6
•	

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PWFLR: TONE LENGTH RATIO OF FOLLOWING TONE PWBLR: TONE LENGTH RATIO OF PRECEDING TONE PWDAT: PARTIAL WAVEFORM RECORDING DATE PWFIR: INTENSITY RATIO OF FOLLOWING TONE PWBIR: INTENSITY RATIO OF PRECEDING TONE PWBPR: PITCH RATIO OF PRECEDING TONE PWFPR: PITCH RATIO OF FOLLOWING TONE PWAUT: PARTIAL WAVEFORM AUTHOR PWNAM: PARTIAL WAVEFORM NAME PWID: PARTIAL WAVEFORM ID PWVIB: DEPTH OF VIBRATO **PWSLR: EXTENT OF SLUR** PWSA: START ADDRESS PWLA: LOOP ADDRESS PWLEN: TONE LENGTH **PWBA: BEAT ADDRESS** PWEA: END ADDRESS PWINT: INTENSITY PWPIT: PITCH

PARTIAL WAVEFORM 3

RECORD

PARTIAL WAVEFORM 4

RECORD

PARTIAL WAVEFORM 2

RECORD

PARTIAL WAVEFORM 1

RECORD

PARTIAL WAVEFORM ID

PHRASE WAVEFORM ID (MORE SIGNIFICANT 10 BITS)

PARTIAL WAVEFORM NUMBER (LESS SIGNIFICANT 6 BITS)

-S1

S3

S4

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FIG. 9

TONE COLOR SET PRODUCING PROCEDURE PREPARE ONE OR MORE

PREPARE ONE OR MORE
PERFORMANCE DATA INCLUDING
NOTES OF NECESSARY PITCH
AND/OR TONE LENGTH, VELOCITY,
PRECEDING AND FOLLOWING TONES
REQUIRED FOR PART TO BE RECORDED

RECORD PHRASE WAVEFORM DATA SUPPLIED FROM PLAYER WHILE SUPPLYING MUSICAL TONES OF AUTOMATIC PERFORMANCE BASED ON PERFORMANCE DATA TO PLAYER

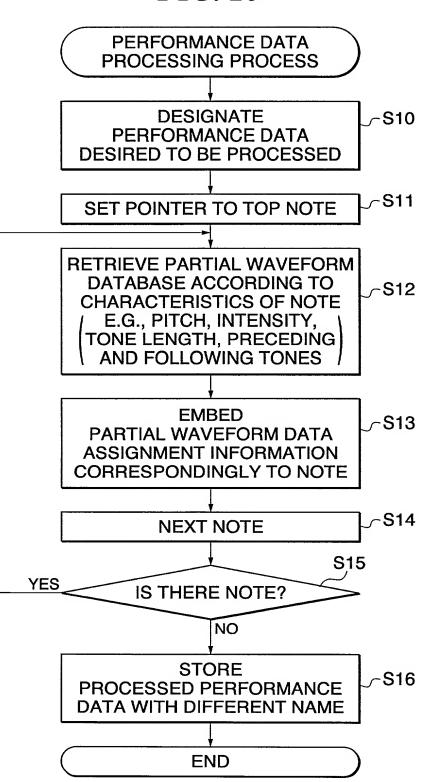
DIVIDE PHRASE WAVEFORM DATA INTO PARTIAL WAVEFORM DATA ACCORDING TO PERFORMANCE DATA OF PART TO BE RECORDED AND ASSIGN PROPERTY INFORMATION

SELECTIVELY COMBINE
PARTIAL WAVEFORM DATA AND
PREPARE PARAMETER TO PRODUCE
TONE COLOR SET

END

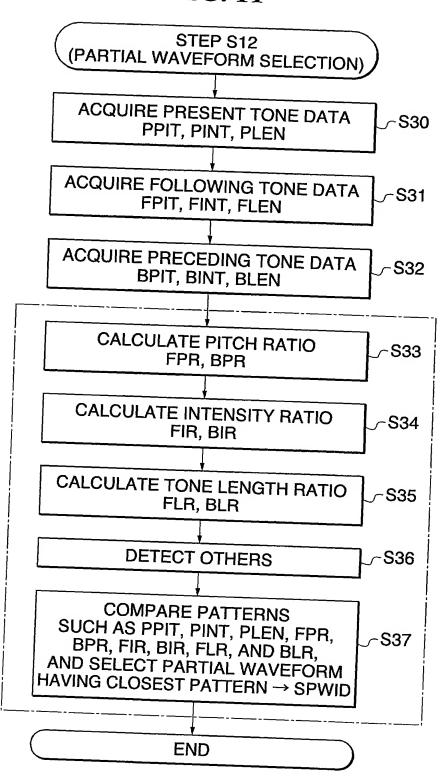
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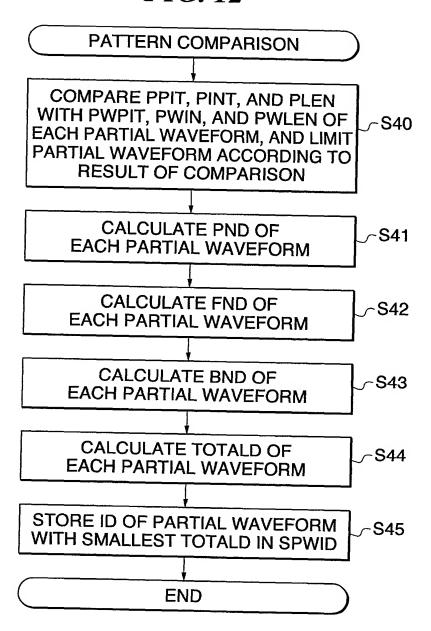
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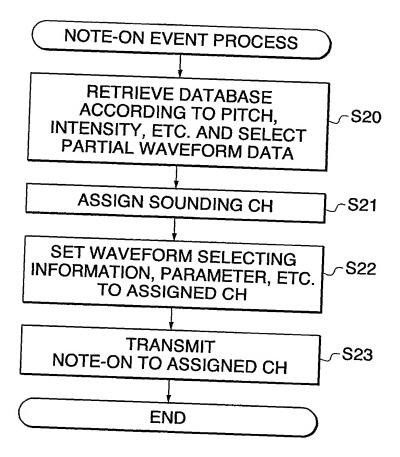
FIG. 12



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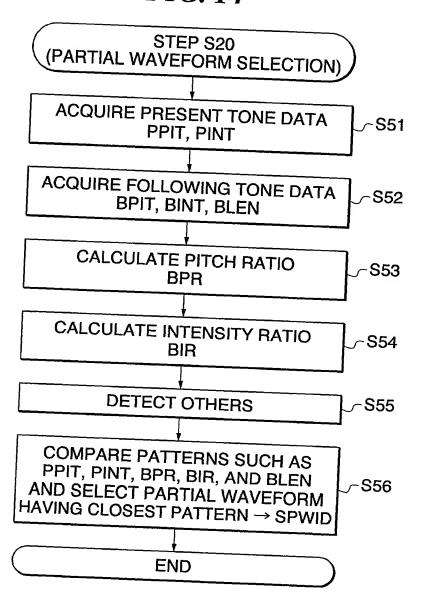
FIG. 13



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FIG. 14

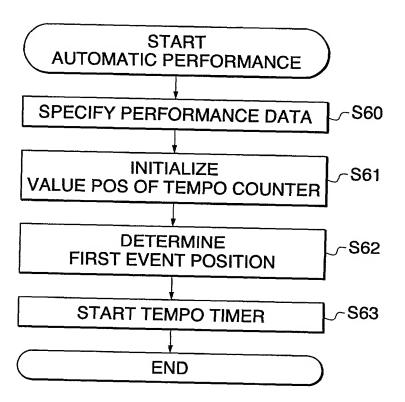


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FIG. 15

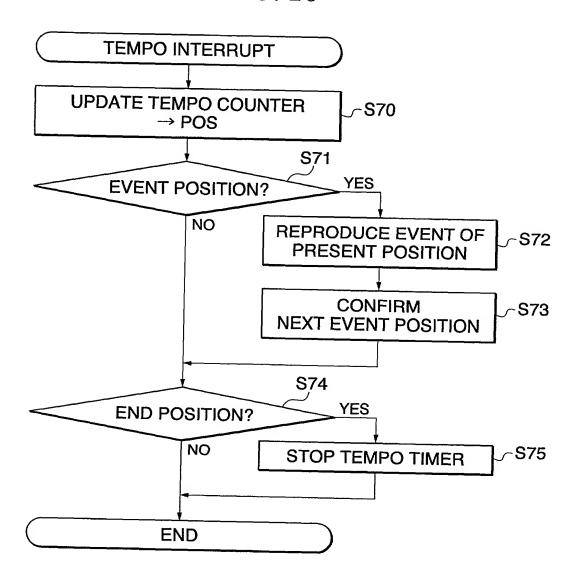


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FIG. 16



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